

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner #: _____ Date: _____
 Art Unit: _____ Phone Number 30 _____ Serial Number: _____
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations; authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY**Type of Search****Vendors and cost where applicable**Searcher: D. SchreiberNA Sequence (#) 2

STN _____

Searcher Phone #: 308-4292AA Sequence (#) 2

Dialog _____

Searcher Location: CM1 6A03Structure (#) 2

Questel/Orbit _____

Date Searcher Picked Up: 5/5

Bibliographic _____

Dr. Link _____

Date Completed: 9

Litigation _____

Lexis/Nexis _____

Searcher Prep & Review Time: 9

Fulltext _____

Sequence Systems Computer communication

Clerical Prep Time: _____

Patent Family _____

WWW/Internet _____

Online Time: 21

Other _____

Other (specify) _____

RESULT 1

09WTS7

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ID      Q9WTS7; PRELIMINARY; PRT; 2771 AA.
AC      Q9WTS7;
DT      01-NOV-1999 (TrEMBLrel. 12, Created)
DT      01-NOV-1999 (TrEMBLrel. 12, Last sequence update)
DT      01-JUN-2002 (TrEMBLrel. 21, Last annotation update)
DE      Ten-m4.
GN      NRG1 OR ODZ4 OR TEN-M4.
OS      Mus musculus (Mouse).
OC      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC      Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
OX      NCB1_TaxID=10090;
RN      [1]
RP      SEQUENCE FROM N.A.
RC      STRAIN=BALB/C; TISSUE=BRAIN;
RA      Oohashi T., Zhou X., Feng K., Richter B., Moergelin M., Perez M.T.,
RA      Su W., Chiquet-Ehrismann R., Rauch U., Faessler R.;
RT      "Mouse Ten-m/Odz is a new family of dimeric type II transmembrane
RT      proteins expressed in many tissues.";
RL      J. Cell Biol. 0:0-0(1999).
DR      EMBL; AB025413; BAA77399.1; -.
DR      HSSP; P16109; 1FSB.
DR      MGD; MGI:96083; Nrg1.
DR      InterPro; IPR000561; EGF-like.
DR      InterPro; IPR001258; NHL.
DR      Pfam; PF00008; EGF; 5.
DR      Pfam; PF01436; NHL; 6.
DR      SMART; SM00181; EGF; 6.
DR      SMART; SM00001; EGF_like; 1.
DR      PROSITE; PS00022; EGF_1; UNKNOWN_8.
DR      PROSITE; PS01186; EGF_2; 7.
KW      EGF-like domain; Glycoprotein.
SQ      SEQUENCE 2771 AA; 308497 MW; 1492E1EE1A0DBF0C CRC64:

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Query Match 97.4%; Score 14422; DB 11; Length 2771;
Best Local Similarity 96.5%; Pred. No. 0;
Matches 2673; Conservative 40; Mismatches 40; Indels 18; Gaps 3;

Qy	1	MDVKERKPYRSLTRRRDAERRYTSSSSADSEEGKAPQKSYSSSETLKAYDQDARLAYGSRV	60
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Db	181	PPLPHAHTPNQHHAASINSLNRGNFTPRSNPSPAPTDHSLSGEPPAGSAQEP THAQDNWL	240
Qy	241	LNSNIPLETRNLGKQPFLGTLQDNLIEMDILGASRHDGAYS DGHFLFKPGGTSPLFCTTS	300
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Qy	419	GKPSSFFPEDSFIDSGEIDVGRRASQKIPPGTFWR SQVFI DHPVHLKFNVSLGKAALVGI	478
Db	421	GKPSSLFPEDSFIDSGEIDVGRRASQKIPPGTFWR SQVFI DHPVHLKFNVSLGKAALVGI	480

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Qy 599 VLCSGNGQYMKGRCLCHSGWKGAECDVPTNQCIDVACSNHGTCTITGTCICNPGYKGESCE 658
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 Db 1081 LTHPTIPFNLKVMHLMVAVEGRLFRKWFAAAPDLSYFIWDKTDVYNQKVFGFSEAFVSV 1140
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Qy 1903 ADGKTWSYTYLEKSMVLLHLSQRQYIFEFDKNDRLSSVTMPNVARQTLETIRSVGYRNI 1962
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Qy 2323 YDLQGHLFAMELSSGDEFYIACDNIGTPLAVFSGTGLMIKQILYTAYGEIYMDTNPNFQI 2382
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Qy 2743 HFMQRQSEMGRR 2753
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Db 2761 HFMQRQSEMGRR 2771